/rxxa/

## Notice of References Cited

Application/Control No. 99/405,692 / 0 / 042,930

Applicant(s)/Patent Under Reexamination SEYFRIED ET AL.

Examiner

David J. Steadman

Art Unit 1652

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY Name		Classification		
	A	US-5,686,276-A	11-1997	Laffend et al.	435	158	
	В	US-5,340,909-A	08-1994	Doerr et al.	528	276	
	С	US-4,778,760-A	10-1988	Ishida et al.	435	202	
	D	US-					
	Ε	US			10		
	F	US			<b>1</b>		
	G	US				25	
	н	US			8		
	1	US			- 1		
	J	US					
	к	US					
	ι.	US					
	М	US					

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification		
	N	-						
Г	0	•						
	Ρ							
	a							
	R							
	s	•						
	T							

## NON-PATENT DOCUMENTS

[	*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
pus		U	Hartley et al. "Industrial prospects for thermophiles and thermophilic enzymes", (1983) Biochem Soc Symp 48:133-146
OS		٧	Vieille et al. "Thermozymes", (1996) Biotechnol Annu Rev 2:1-83
DIS		w	Slobodkin et al. "Isolation and characterization of the homoacetogenic thermophilic bacterium Moorella glycerini sp nov". (1997) Int J Syst Bacteriol 47:969-974
ρlS		х	Demain et al. "Anaerobic Fermentations" in Manual of Industrial Microbiology and Biotechnology, 2nd Ed., 1999, American Society for Microbiology, Washington, DC

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Oates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office

N tice f References Cited

Part of Paper No. 8

Af

08-17-04

EXPRESS MAIL NO.

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY, DOCKET NO. APPLICATION NO.

9342-029-999 10/042,930

APPLICANT Seyfried

FILING DATE GROUP

				October 18, 2001		To be assign	ned	
			U.	S. PATENT DOCUMENTS			,	
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILIN OF APPE	G DATE ROPRIATE
DUS	AA	US 5,008,473	04/16/91	Breitkopf et al.				
	AB	US 5,340,909	08/23/94	Doerr et al.	/			
	AC	US 5,650,148	07/22/97	Gage et al.	/			
	AD	US 5,599,689	02/04/97	Haynie et al.				
	AE	US 5,872,204	02/16/99	Kuo et al.				
	AF	US 5,686,276	11/11/97	Laffend et al.	/			
	AG	US 5,356,812	10/18/94	Matsuyama et al.		/		
DUS	АН	US 6,013,494	01/11/00	Nakamura et al.				
		·	FORE	IGN PATENT DOCUMENTS	<u> </u>			
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	SLATION
							YES	NO
DJS	Al	WO 98/21341	05/22/98	PCT .	/	/		
DUS	AJ	WO 98/21340	05/22/98	PCT				
NS	AK	WO 98/21339	05/22/98	PCT	/			
		OTHER RE	FERENCES (In	ncluding Author, Title, Date, Pertinent Pages, Etc.)				
DIS	AL			SI-Blast: A New Generation Of Protein Data 5, No. 17, pp 3389-3402.	base Se	arch Prog	<u>rams</u> ,	n
DJS	AM	Altschul et al. "Basic L	ocal Alignme	nt Search Tool," J. Mol. Biol. (1990), 215, pp	403-41	0.		
DJS	AN	Benton et al. "Screenir 196, April 1977, pp 180		ibinant Clones By Hybridization To Single Pl	laques Ir	n Situ," Sc	ience	, Vol.
	AO	1		General, Molecular, And Applied Microbiolo	gy, A W	ley-Inters	cience	<del></del>
	AU	Publication, John Wile	y & Sons, Ne	w York, pp 18-37.				
Dis	AP	Cameron et al., "Metab 125.	oolic Enginee	ring Of Propanediol Pathways," Biotechnol.	Prog. 19	998, Vol. 1	4, pp	116-
	AQ	Daniel et al. " <u>Purification</u> Sequencing, and Over Apr. 1995, Vol. 177, No	expression C	panediol Dehydrogenase From Citrobacter to If The Corresponding Gene In Escherichia of -2156	reundii a oli," Jou	and Clonin mal Of Ba	g. icteric	ology.
	AR	Using Saccharomyces	cerevisiae A	oduction From Cellulose By Coupled Sacch nd Cellulase Complex From Sclerotium rolfs ol. 36, 1992, pp 227-234.				
	AS			on: A Method For The Isolation Of Cloned D Vol. 72, No. 10, Oct. 1975, pp 3961-3965.	NAs Tha	at Contain	A Sp	ecific
	AT			f Glycerol-Inactivated Coenzyme B12-Depe * Journal Of Bacteriology, Sep. 1980, Vol. 1				
DJS	AU	Johnson E. A. " <u>Klebsie</u> May 1987, Vol. 169, No		iae 1,3-Propanediol: NAD+ Oxidoreductase, -2054.	" Journa	l Of Bacte	riolog	ıy.

AV	Kaufman, Randal J. "Selection And Coamplification of Heterologous Genes In Mammalian Cells," Methods						
_AV	In Enzymology, Vol. 185, pp 537-566.						
AW	Luers et al. "Glycerol Conversion to 1,3-Propanediol By Clostridium pasteurianum: Cloning And Expression Of The Gene Encoding 1,3-Propanediol Dehydrogenase," FEMS Microbiology Letters 154 (1997) pp 337-345.						
AX	Macis et al. "Properties and Sequence of the Coenzyme B12-Dependent Glycerol Dehydratase of Clostridium pasteurianum," FEMS Microbiology Letters 164 (1998), pp 21-28.						
AY	Poppe et al. "Kinetic Investigations With Inhibitors That Mimic The Posthomolysis Intermediate In The Reactions Of Coenzyme-B12-Dependent Glycerol Dehydratase And Diol Dehydratase," European Journal Of Biochemistry, Vol. 245, 1997, pp 398-401.						
AZ	Seyfried et al. "Cloning, Sequencing, And Overxpression Of The Genes Encoding Coenzyme B12- Dependent Glycerol Dehydratase Of Citrobacter freundii," Journal Of Bacteriology, Vol. 178, No. 19, Oct. 1996, pp 5793-5796.						
ВА	Shilo et al. "DNA Sequences Homologous To Vertebrate Oncogenes Are Conserved In <i>Drosophila Melanogaster</i> ," Proc. Natl. Acad. Sci. USA, Vol. 78, No. 11, Nov. 1981, pp 6789-6792.						
88	Takamasa et al. "Identification And Expression Of The Genes Encoding A Reactivating Factor For Adenosylcobalamin-Dependent Glycerol Dehydratase," Journal Of Bacteriology, Vol. 181, No. 13, July 1999, pp 4110-4113.						
вс	Takamasa et al. "Cloning, Sequencing, And High Level Expression Of The Genes Encoding Adenosylcobalamin-Dependent Glycerol Dehydrase Of Klebsiella pneumoniae"," The Journal Of Biological Chemistry, Vol. 271, No. 37, Sep. 13, 1996, pp 22352-22357.						
BD	Tong et al. "1,3-Propanediol Production By Escherichia coli Expressing Genes from the Klebsiella pneumoniae dha regulon," Applied And Environmental Mircobiology, Dec. 1991, Vol. 57, No. 12, pp 354-3546.						
-BE	NCBI Acession No. AF181848, Caloramator viterbiensis 163 RNA gene, partial sequence:						
	DATE CONSIDERED 08-17-04						
	AX AY AZ BA BB BC BD						